

# Louisiana Medical Marijuana Program



**Commissioner Mike Strain, DVM**

2021

4th ANNUAL REPORT TO THE LOUISIANA STATE  
LEGISLATURE

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# Letter from the Director

The Louisiana Department of Agriculture and Forestry (LDAF) is the regulatory agency for the Medical Marijuana Program in Louisiana. The department is pleased to submit its 2021 annual comprehensive report to the legislature in accordance with LRS 40:1046 (H) (6) and LRS 40:1047.

During the 2021 Louisiana Legislative Regular Session, Act 424 allowed for pharmacies to dispense raw (smokable) or crude forms of therapeutic marijuana with limits of no more than two and one-half (2 ½) ounces (71 grams) every 14 days to an individual patient. Also, persons under the age of 21 cannot receive raw or crude marijuana without a written recommendation from a physician.

The LDAF Medical Marijuana Program has been actively collaborating with local state agencies and a non-partisan organization called the Cannabis Regulators Association (CANNRA) to share institutional knowledge and regulatory practices. CANNRA is restricted to cannabis regulators to develop standards, best practices, and policies across the industry. CANNRA encourages consistency throughout the medical marijuana industry along with guidance to state and federal elected officials. The department is honored to be a founding member and welcomes the expertise of other state agencies as we regulate products for our citizens. The Medical Marijuana Program staff are active members of the following subcommittees on CANNRA: Lab Testing & Product Safety; Energy & Environmental Policy; Licensing, Inspection & Compliance; Packaging, Labeling, and Advertising; Social Equity; Medical Use and Research and Public Education.

The licensees, Louisiana State University Agricultural Center and Southern University Agricultural Center, submitted annual reports to the LDAF listing their production costs and pertinent information related to the requirements outlined in LRS 40:1046 (H)(6) for the year 2021. Proprietary or confidential information is not included in the report. Please refer to Exhibit A for Louisiana State University Agricultural Center's annual report and Exhibit B for Southern University Agricultural Center's annual report. The LDAF has included supplemental audit reports based on the findings from the 2021 annual reports submitted by both licensees. The LDAF has not verified any data in the 2021 annual reports from the licensees as of the date of posting. If there are any discrepancies within the report, a supplemental report will be submitted in the 2022 Annual Report.

LDAF Commissioner, Mike Strain, D.V.M., would like to recognize the dedication of its medical marijuana team, LDAF laboratory staff, the licensees, and the following state government agencies: Louisiana Department of Health, Louisiana State Police, and Louisiana Office of State Fire Marshall. Their continued efforts and cooperation contribute to the success of the Medical Marijuana Program.

Tabitha Irvin, Esq.  
Executive Counsel and Medical Marijuana Director

# **Louisiana Department of Agriculture and Forestry**

The Louisiana Department of Agriculture and Forestry (LDAF) was created in accordance with the provisions of Article IV, Section 10 of the Constitution of Louisiana. The Commissioner of Agriculture and Forestry heads the department and exercises all functions of the state relating to the promotion, protection, and advancement of agriculture and forestry, except research and educational functions expressly allocated by the constitution or by law to other state agencies.

## **Mission Statement**

The LDAF's mission is to promote, protect and advance agriculture and forestry, and soil and water resources. Our vision is to be a unified and coordinated team that effectively responds to the challenges facing the agricultural and forestry industries, and which pursues each and every opportunity that might provide a benefit to the state and its citizens.

## **Our Values**

### **Public First**

Each employee has the high honor and distinct privilege of serving the citizens of our state. With fairness and honesty at the forefront, we will be responsive, proactive and flexible in our dealings with others.

### **Pursuit of Excellence**

We are committed to getting the job done right the first time in an effective and efficient manner as possible and in accordance with our overall mission. We will aspire at all times to do our jobs better in every dimension.

### **Positive Response to Change**

Recognizing that our workplace, the markets and technology are evolving, we acknowledge that change is inevitable. We will meet the developing demands and expectations of the public with creative thinking, innovation and more efficient processes.

### **Respect for Individual**

We will create a respectful and meaningful workplace, characterized by honest, direct and relevant communication. Working together as a team, we will honor diversity, individuality, and personal and professional differences.

### **Community Mindedness**

We realize that our work impacts the community in which we reside and, many times, beyond such. Both as individuals and team members, we will strive to make our communities better places to live, work and learn.

## Departmental Office Missions

The following departmental offices, as described by mission statements, are responsible for carrying out the functions of the department and may have a role with existing, expanding or new industry:

- The mission of the Office of Agricultural and Environmental Sciences is to ensure animal feeds, pet foods, fertilizers, agricultural liming materials and pesticides meet all requirements of law; to monitor, prevent, control and eradicate plant pests and diseases that threaten Louisiana's agriculture, environment and economy; to facilitate agricultural exports through certification of products; to oversee the qualifications and practices of persons engaged in the green industry; to protect human health and the environment by ensuring the proper labeling, distribution, storage, use, application and disposal of pesticides, and through enforcement of all pesticide laws; to ensure that seed sold for planting meets label guarantees and quality standards; and to ensure a safe, abundant supply of food and fiber.
- The mission of the Office of Agro-Consumer Services is to perform functions relating to the regulation of weights and measures, the licensing of weighmasters, scale companies and technicians; the licensing and inspection of bonded farm warehouses and milk processing plants, and the licensing of grain dealers, warehouses and cotton buyers.
- The mission of the Office of Animal Health Services is to protect the public supply of meat and meat products and fish and fish products, to control and eradicate infectious diseases of animals and poultry, and to control livestock theft and nuisance animals.
- The mission of the Office of Forestry is to protect, conserve and replenish the forest natural resources of the state.
- The mission of the Office of Marketing and Agro-Economic Development is to promote the development and growth of markets for Louisiana agricultural and forestry products and to develop the channels of distribution through which these products are sold.
- The mission of the Office of Soil and Water is to assist in the organization and administration of the Soil and Water Conservation Districts in protecting the land, water and related resources of the state. It is also responsible for implementing the agriculture nonpoint source pollution component of Section 319 and Section 404 (wetlands protection) of the Federal Clean Water Act, as well as other federal and state mandated soil and water resources management programs.
- The mission of the Office of Management and Finance is to provide support services for the other offices of the department. These services provided include: fiscal, legal, procurement, property control, human resources, fleet and facility management, auditing, information technology, print shop and mail room, document imaging and district office clerical support.

# Medical Marijuana Program Summary

Legislative Year	Program Progression
<p><b>2015 Regular Session: ACT 261</b></p>	<ul style="list-style-type: none"> <li>• Act 261, R.S.40:1046 and R.S. 40:1047 was enacted by legislation establishing the Medical Marijuana Program.</li> <li>• The program was divided between three state agencies: Louisiana Board of Medical Examiners, Louisiana Board of Pharmacy, and Louisiana Department of Agriculture and Forestry (LDAF).</li> <li>• Excluded inhalation and smokable</li> <li>• Medical Conditions: Glaucoma, symptoms resulting from the administration of chemotherapy cancer treatment and spastic quadriplegia</li> <li>• Grant two licensees to grow and manufacture medical marijuana: Louisiana State University AgCenter and Southern University AgCenter</li> </ul>
<p><b>2016 Regular Session: ACT 96 &amp; 567</b></p>	<ul style="list-style-type: none"> <li>• The statute was amended and supplemented by Act 96, which clarifies prescribing vs. recommending medical marijuana to patients</li> <li>• Added qualifying medical conditions: cancer (not only patients who receive chemo treatment), positive status for human immunodeficiency virus, acquired immune deficiency syndrome, cachexia or wasting syndrome, seizure disorders, epilepsy, spasticity, severe muscle spasms, Crohn's disease, muscular dystrophy or multiple sclerosis</li> <li>• Act 567 established R.S. 40:1047 granting LDAF the authority to obtain criminal records and collect fees.</li> </ul>
<p><b>2018 Regular Session: ACTS 496 &amp; 708</b></p>	<ul style="list-style-type: none"> <li>• Act 496 expanded the qualifying medical conditions: Glaucoma, Severe muscle spasms, intractable pain, Post-traumatic stress disorder, Parkinson's disease, and conditions associated with autism spectrum disorder).</li> <li>• Act 708             <ul style="list-style-type: none"> <li>• Physician requires a Pediatric subspecialist licensed for any condition associated with autism spectrum disorder for patients under the age of 18.</li> <li>• Pharmacists can dispense to the patients, their caregivers and minor's domiciliary parent</li> <li>• Stipulates that employers and their worker's compensation insurers shall not be obliged or ordered to pay for recommended medical marijuana in claims relative to worker's compensation.</li> </ul> </li> </ul>

<p><b>2019 Regular Session: ACTS 207, 284 &amp; 331</b></p>	<ul style="list-style-type: none"> <li>• Act 207 authorized the Board of Medical Examiners to create and maintain an electronic system for the collection and analysis of clinical information associated with the use of medical marijuana by patients;</li> <li>• Act 284 removed the requirement that the physician be domiciled in Louisiana; but the recommending physician must share a bona fide doctor-patient relationship. Also, removed the prohibition on inhalation form (no vaping, but allows for metered dosed inhaler).</li> <li>• Act 331 changed how the seven percent of the gross sales of therapeutic marijuana is collected; the department (LDAF) will be appropriated funds for regulatory expenses.</li> </ul>
<p><b>2020 Regular Session: Act 286</b></p>	<ul style="list-style-type: none"> <li>• Added neurodegenerative diseases and conditions: Alzheimer's disease, Amyotrophic lateral sclerosis, Huntington's disease, Lewy body dementia, Motor neuron disease, Spinal muscular atrophy, chronic pain associated with fibromyalgia and sickle cell disease, any condition for which a patient is receiving hospice care or palliative care and any other condition that a physician, in his medical opinion, considers debilitating to an individual patient and is qualified through his medical education and training to treat</li> <li>• Changed the definition to allow any state-licensed physician to recommend medical marijuana: “[The] opinion of any physician licensed by and in good standing with the Louisiana State Board of Medical Examiners, provided within a bona fide doctor-patient relationship, that, in the sincere judgment of the physician, therapeutic cannabis may be helpful to the patient's condition or symptoms and is communicated by any means allowed by the Louisiana Board of Pharmacy.”</li> <li>• Removed the Louisiana Board of Medical Examiners authority</li> </ul>
<p><b>2021 Regular Session: Act 424 &amp; ACT 247</b></p>	<ul style="list-style-type: none"> <li>• Act 424 expanded the allowable administration method for medical marijuana to be in the form of raw crude flower for smoking. With limits of no more than two and one-half (2 ½) ounces (71 grams) every 14 days to an individual patient. Persons under the age of 21 cannot receive raw or crude marijuana without a written recommendation from a physician.</li> <li>• ACT 247 provides that the penalty for possession of 14 grams or less of marijuana for first or subsequent convictions is a fine of up to \$100.</li> </ul>

## Program Goals

The goals of the program are: 1) to ensure thorough inspections are conducted, random sampling and lab testing confirm the product is safe from heavy metals, pesticides, microbiological contaminants and residual solvents; 2) to oversee the licensees compliance; 3) to ensure licensing and the production process of medical marijuana maintain the primary focus for the safety of the citizens of Louisiana.

## Agricultural Chemistry Laboratory

The Louisiana Department of Agriculture and Forestry (LDAF) is responsible for administering many commodity and practice programs that impact Louisiana's agriculture. The LDAF Feed, Fertilizer, Agricultural Lime, Pesticide, Hemp and Medical Marijuana (MMJ) Programs administer the applicable laws and regulations which govern the distribution of feed, fertilizers, lime, pesticides, hemp, and medical marijuana sold in Louisiana. The Agricultural Chemistry Laboratory (also referred to as Ag Chemistry Lab) houses the feed, fertilizer, and lime programs and serves as the LDAF Meat Program laboratory, which is accredited as part of the United States Department of Agriculture (USDA) Food Safety and Inspection Service (FSIS) State Meat and Poultry Inspection (MPI) Program. It is the official regulatory lab for the LDAF Feed, Fertilizer, Lime, Meat, Hemp, and MMJ Programs performs analytical testing on animal feed, pet food, fertilizer, lime, pesticide, meat, hemp, and MMJ samples collected by the LDAF field inspection staff for program-specific analyses like nutrients and potential contaminants.

The Ag Chemistry Lab has been a proud member of the Food Emergency Response Network (FERN) for ten (10) years. The laboratory actively participates in the scheduled FERN activities, and proficiency testing challenges. In addition to testing samples for LDAF programs, the Ag Chemistry Lab also analyzes samples for researchers, students, the public, and water samples for other government agencies like the Department of Environmental Quality (DEQ). The Ag Chemistry Lab routinely analyzes 9,000-10,000 samples per year that cover over 30,000 analyses, which includes over 1250 fertilizer samples, 50 lime samples, 750 pesticide samples, 1050 MMJ samples, 300 hemp samples, 1700 feed samples, 300 meat samples, 2700 DEQ samples, and 2000 samples submitted by researchers and the public.

The Ag Chemistry Lab plays an essential role in the Medical Marijuana Program by testing all medical marijuana initial concentrates for pesticides, residual solvents, mycotoxins, and heavy metals. Once the product is manufactured into its final form, the department randomly selects and tests for potency, microbial, and homogeneity. When the production batch passes and is deemed free of contaminants, the product can be distributed to the nine (9) medical marijuana pharmacies.

Analysts working on the MMJ samples are highly knowledgeable in their respective fields based on their laboratory and analytical experience. These outstanding individuals have a combined experience of more than 100 years in instrumental analysis and perform a wide range of duties of testing samples for all MMJ products and other programs. In 2021, the analysts analyzed over 4500 samples for other LDAF and Ag Chemistry research programs.

The Ag Chemistry Laboratory utilizes sophisticated, state-of-the-art instruments to make testing possible. The Ag Chemistry Lab develops the methods and analysis for samples. In 2020, the department spent over \$60,000 on supplies, not including salaries, benefits of the employees, and costs associated with maintaining the instrumentation.

This report covers the total number of concentrates and product samples tested by the laboratory for the 2021 calendar year. Even though, the number of samples analyzed was 1600, over 5000 tests were run covering over 13,000 analytes, which do not include the quality control samples that were analyzed along with each batch of samples accepted. Quality control samples are run along with the test samples to ensure the resulting data is validated and accurate.

In June 2021, the legislature approved the sale of medical marijuana in flower form beginning in January 2022. Both subcontractors submitted 22 flower samples for lab analysis between Thanksgiving and Christmas. During that time, the analysts worked tirelessly developing methods for flower testing while



analyzing 36 lots of MMJ samples encompassing 229 samples of various categories of chews, tinctures, concentrates, syringes, MDIs, and topicals for routine testing. With the laboratory staff's hard work and dedication, the department met the January 3rd, 2022 deadline.

The following tables summarize all the categories of samples analyzed by the laboratory over the past year. On average, it takes a minimum of 4-5 days for the microbiological screen due to the amount of time being 4-5 days for bacteria and molds to grow if present and is detected. Total yeast and mold analysis take a minimum of 96 hours (4 days) to complete, and all total yeast and mold failures are confirmed by a secondary method. The confirmatory method for total yeast % mold also takes 96 hours (4 days) to complete. The other analyses are performed in tandem. Final products are reported within five days of sample submission, while concentrates take a week. The difference in turnaround time is due to the number of complex tests required to be ran.

**MEDICAL MARIJUANA REPORTED BETWEEN JAN 2021 AND DEC 2021**

1481 Total Samples Accepted by the Ag Chemistry Lab

<b>OFFICIAL</b>	<b>GOOD DAY FARM SAMPLES</b>	<b>GOOD DAY FARM LOTS</b>	<b>ILERA SAMPLES</b>	<b>ILERA Lots</b>	<b>TOTAL SAMPLES</b>	<b>REPRESENTING LOTS</b>
CONCENTRATES	20	NA	43	NA	63	NA
TINCTURES	331	79	168	56	499	135
CHEWS	0	0	45	10	45	10
SYRINGES	397	48	0	0	397	48
TOPICALS	21	7	51	17	72	24
FLOWER	4	4	18	18	22	22
MDI (Metered Dose Inhalers)	0	0	381	66	381	66
<b>TOTAL</b>	<b>773</b>	<b>138</b>	<b>706</b>	<b>167</b>	<b>1617</b>	<b>305</b>

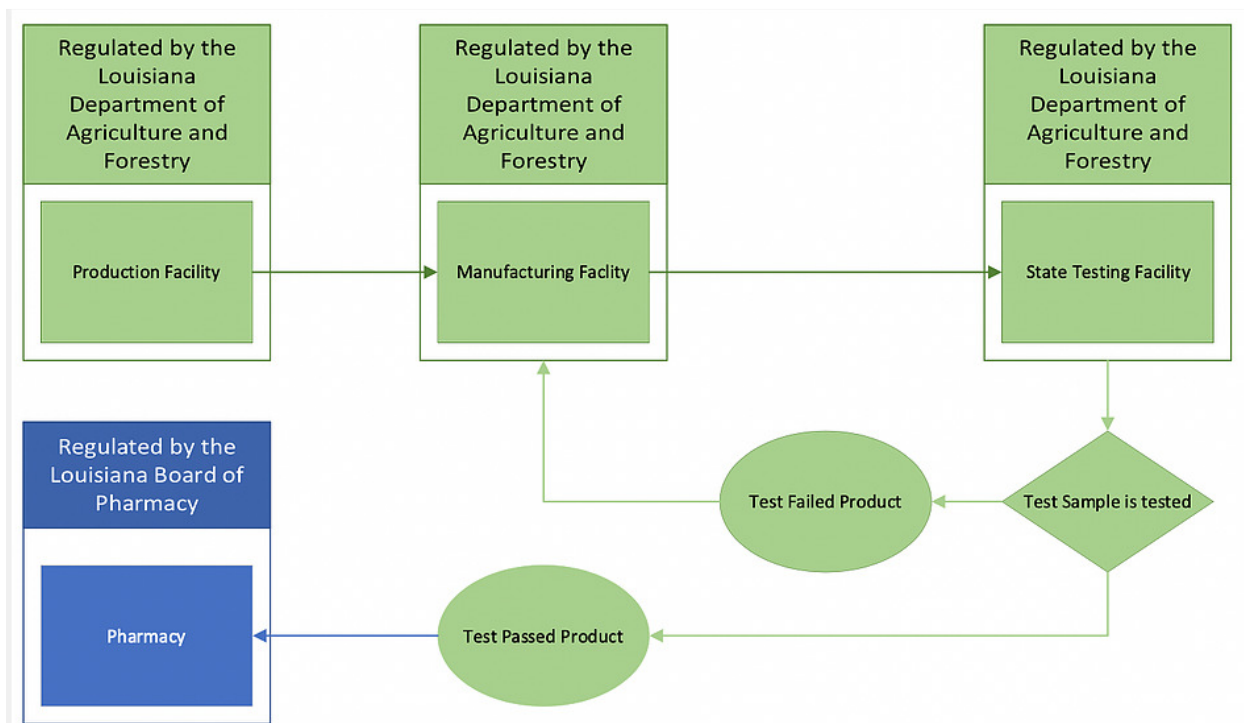
LDAF's Ag Chemistry Lab analyzed the following for both growers in calendar year 2021:

TOTAL FINAL PRODUCTS ANALYZED	1394
TOTAL CONCENTRATES ANALYZED	63
TOTAL FLOWERS ANALYZED	22
TOTAL TESTS CONDUCTED	5094
TOTAL ANALYTES COVERED	13457

## Compliance

The LDAF Medical Marijuana Program is responsible for ensuring that both medical marijuana licensees and their subcontractors comply with product safety, department rules, and regulations, federal and state guidelines, and quality assurance requirements. In the calendar year of 2021, the Medical Marijuana Program has continued to operate to full capacity by conducting building, equipment, and routine facility inspections. Reviewed and approved standard operating procedures, inventory audits, financial audits, LMMTS training, fingerprinting background checks, suitability investigations, random unannounced compliance inspections, product testing, product labels, packaging, etc. To ensure the medical marijuana licensees and their subcontractors are maintaining compliance, the department issues deficiencies and compliance assistance notices for compliance violations.

### Medical Marijuana Program Supply Chain Regulatory Structure



This chart emphasizes the regulatory medical marijuana product supply chain. The Louisiana Department of Agriculture and Forestry regulates the growing of medical marijuana plants. The plants are then extracted, manufactured, and tested. When the final production batch passes all tests and is deemed free of contaminants, the product will be distributed to the nine (9) medical marijuana pharmacies regulated by the Louisiana Board of Pharmacy.



# Medical Marijuana Program Snapshot



## Medical Marijuana Retail Products Shipped to Pharmacies

(Calendar Year of 2021)

Item Category	LSU-GDFL	SU-ILERA	Total Retail Products Shipped to the Nine Pharmacies
Tincture	122,719	21,621	144,340
Topical	3,381	3,199	6,580
Edible (Gelatin Chews)	70	7,044	7,114
Metered Dose Inhaler	136	69,998	70,134
Total Retail Products	126,306	101,862	228,168

The data in the table represents the quantity of each (individual) item product received in the medical marijuana pharmacies for retail calendar year (January to December 2021). LDAF does not have authority to require licensees to report revenues from the retail products sold to the pharmacies.

## Harvested Marijuana Plants

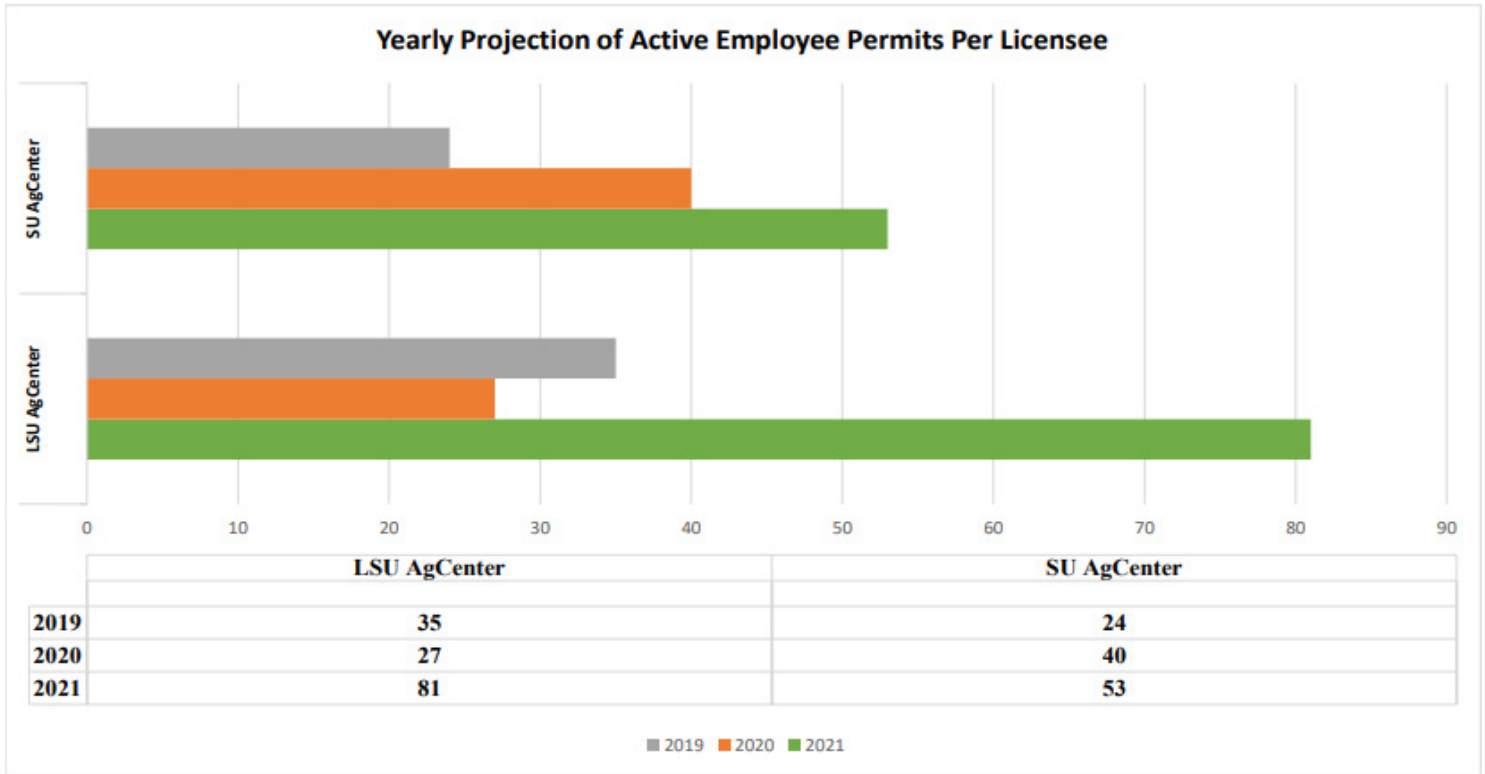
(Calendar Year of 2021)

Item Category	LSU-GDFL	SU-ILERA	Total
Harvested Plants	5,210	7,277	12,487

This chart shows the number of marijuana plants harvested by each licensee for the calendar year of 2021.



# Medical Marijuana Program Snapshot



## 2021 License Payment Chart

Licenses	LSU AgCenter	SU AgCenter	TOTAL
Number of production license(s) issued:	<b>1</b>	<b>1</b>	<b>2</b>
Payments received from license fee:	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$200,000.00</b>

Please note: The data referenced in the chart is pertaining to the active employee permits that are eligible to work in the medical marijuana industry and license fees received by LDAF Medical Marijuana Program collected in the calendar year of 2021. Licenses to grow and manufacture medical marijuana in Louisiana are limited to only LSU AgCenter and SU AgCenter by state law.



# Medical Marijuana Program Snapshot



## Approved Licenses for Medical Marijuana Only States

Medical Marijuana States	Cultivators	Manufacturers	Dispensaries/ Pharmacies
Louisiana	2		9
Arkansas	8		38
Delaware	6		12
Florida		22	
Hawaii		8	
Iowa	2*		5
Minnesota		2	
Missouri	62	89	192
New Hampshire	3*		7
North Dakota	2		8
Ohio	36	47	131
Texas		3	
Utah	8	13	15

**\*This vertical integrated system is set up so that the manufacturers own one or more dispensary.**

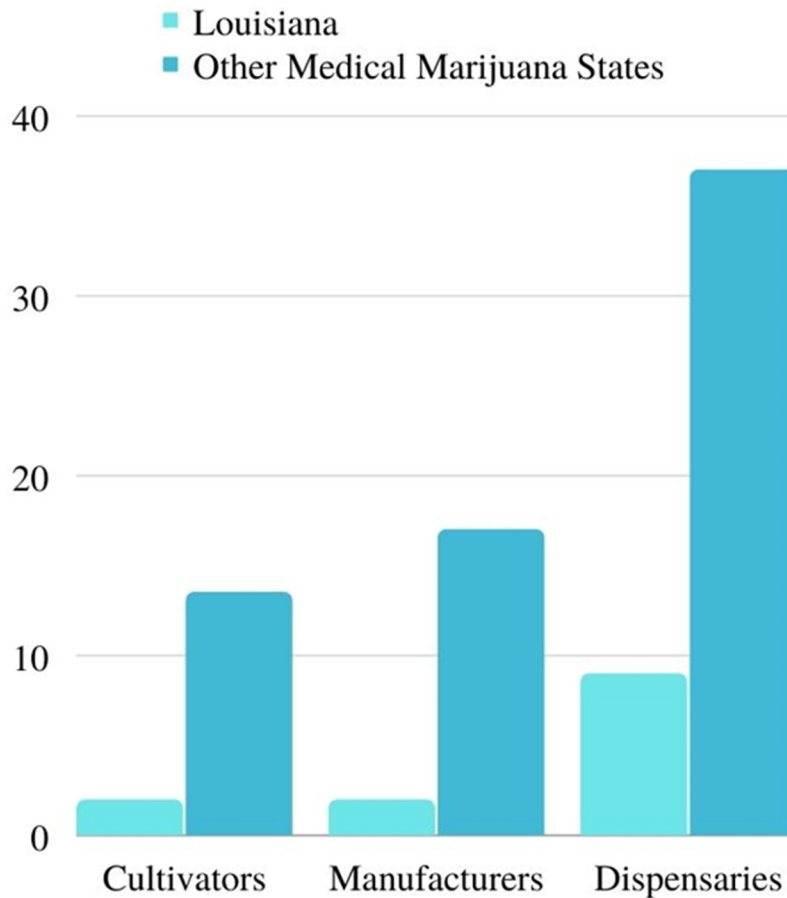
The chart shows the number of cultivators, manufacturers, and dispensaries licenses in a few medical marijuana only states throughout the United States. These numbers are a representation of the states' current numbers as of December 31, 2021. If a state has a license number that overlaps between cultivation, manufacturing, and/or dispensary, then those licensees complete more than one area of the medical marijuana process and are considered a vertically integrated system. For example, Florida has 22 licensees that complete the cultivation, manufacturing and dispensing of medical marijuana products to patients.



# Medical Marijuana Program Snapshot



## Louisiana Compared to Other Medical Marijuana States



The graph shows the average number of cultivators, manufacturers, and dispensaries for medical marijuana only states in comparison to Louisiana. As shown, Louisiana is below the average number of licenses in all aspects of the medical marijuana process.

# Louisiana Department of Agriculture & Forestry Medical Marijuana Program



**2021 CALENDAR YEAR**

<b>Expenditure Budget</b>	
Salaries & Related Benefits	621,380.16
Travel	1,964.22
Operating Services	8,435.78
Data Software	55,720.18
Supplies	6,453.26
Laboratory Supplies	55,217.09
Professional Services	0
Interagency Transfers	2,869.50
<b>TOTAL EXPENDITURES</b>	<b>752,040.19</b>

The Expenditure Budget for the Medical Marijuana Program for the 2021 calendar year reflects both licensees in operation. Revenues consist of employee permit fees, background check fees, and license fees totaling up to \$208,919.90 and \$523,700 of State General Fund for the combined total of \$732,619.90. However, the total expenses exceed the revenues of 2021, which lead to a deficit of (-19,420.29) for the calendar year.



## Medical Marijuana Program and Laboratory Staff 225-922-1234

Commissioner Mike G. Strain, DVM

Tabitha Irvin  
Executive Counsel and  
Director of Medical Marijuana Program

Kelli James  
Administrative Program Specialist/Administrator

Jessica Landry  
Agricultural Environmental Specialist/Inspector

Jerry Davenport  
Agricultural Environmental Specialist/Inspector

Amy Hernandez  
Agricultural Environmental Specialist/Laboratory Supervisor

Deepika Curole  
Agricultural Environmental Specialist/Quality Assurance Manager

Chantilly Reddman  
Agricultural Environmental Specialist/Program Coordinator

Buffy Meyer, Ph.D.  
Agricultural Environmental Specialist/Public Health Laboratory Scientist

Andrea Warren  
Agricultural Environmental Specialist/Professional Chemist II

Emily Harrelson  
Agricultural Environmental Specialist/Professional Chemist II



# Louisiana Department of Agriculture and Forestry



## Licensees Annual Reports

2021




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**LSU AGCENTER – GOOD DAY FARM LOUISIANA  
LDAF ANNUAL REPORT TO LEGISLATURE  
2021**

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Per RS 40:1046, LSU AgCenter is the holder of an annual, nontransferable specialty license to produce medical marijuana. Under that specialty license and an Agreement for Services with LSU AgCenter, Good Day Farm Louisiana provides for the cultivation, extraction, processing, and production of therapeutic cannabis for qualified patients in Louisiana.

Good Day Farm Louisiana has two facilities to serve the patients of Louisiana. The original facility in Baton Rouge includes 3,000 sq. ft. of cultivation space and houses the 6,000 sq. ft. LSU AgCenter research laboratory.

With the enactment of Act 424 (2021 Regular Legislative Session) permitting the recommendation of smokeable medical marijuana (*i.e.*, flower), Good Day Farm Louisiana committed over \$45 million to capacity expansion in addition to roughly \$12 million previously invested in infrastructure. In 2021, Good Day Farm Louisiana expanded into a 225,000 sq. ft. facility in Ruston. The Ruston facility includes 20,000 sq. ft. of approved cultivation space with another 50,000 sq. ft. or more of cultivation space expected by mid-2022. The Ruston facility has the capacity to expand by another 132,000 sq. ft. of cultivation space depending on the progress of patient participation in Louisiana’s medical marijuana program.

Now, pursuant to RS 40:1046(H)(6), LSU AgCenter and Good Day Farm Louisiana provide the following information:

1. The amount of gross marijuana produced by the Licensee during each calendar year:  
  
 2021: LSU AgCenter (Licensee) through Good Day Farm Louisiana produced approximately 825,072 g (1,819 lbs.) (dry flower) in the Baton Rouge facility.
  
2. Details of all production costs including but not limited to seed, fertilizer, labor, advisory services, construction, and irrigation.  
  
 2021:
 

Construction:	\$23,661,864
Licenses, Fees, Permits & Taxes:	\$1,893,823
Production, Manufacturing, Equipment & Utility Costs:	\$9,447,732
Wages, Employee Benefits & Payroll Taxes:	\$1,183,308
Security Personnel & Monitoring:	\$352,904
Professional Services (Accounting, Legal, Banking):	\$886,683



3. The details of any items or services for which the licensee subcontracted and the costs of each subcontractor directly or indirectly working for the contractor.  
  
2021: LSU AgCenter (Licensee) contracted with Good Day Farm Louisiana under an Agreement for Services at no cost to Licensee. Good day Farm Louisiana has not subcontracted for any cultivation, extraction, processing, or production services required under the Agreement for Services.
4. The amount of therapeutic chemicals produced resulting from the marijuana grown pursuant to this Section.  
  
2021: Good Day Farm Louisiana produced approximately 109,775 g of therapeutic chemicals that were used to create tinctures, transdermal creams, concentrate syringes.
5. The amounts paid each year to the Licensee related to the Licensee's production of therapeutic marijuana pursuant to this Section.  
  
2021: Per the Agreement for Services, Good Day Farm Louisiana paid LSU AgCenter (Licensee) \$1,000,000 plus a \$500,000 performance bond.
6. The amount of therapeutic marijuana distributed to each pharmacy licensed to dispense therapeutic marijuana in this state during each calendar year.  
  
2021: Through wholesale distribution, Good Day Farm Louisiana sold approximately 126,306 units of therapeutic marijuana products (tinctures, transdermal creams, concentrate syringes, metered dose inhalers, and gelatin chews) to the nine pharmacies licensed by the Louisiana Board of Pharmacy.



**Southern University Ag Center – Ilera Holistic Healthcare  
LDAF ANNUAL LEGISLATIVE REPORT  
2021**

As one of two licensees, the Southern University Agricultural Research and Extension Center operates its medical and therapeutic cannabis program under the authority of Louisiana Revised Statute 40:1046. Advanced Biomedics LLC dba ILERA Holistic Healthcare began work on the growing and processing facility in 2019 and distributed their first approved medical cannabis products to the nine pharmacies licensed by the Louisiana Board of Pharmacy in July of 2020.

ILERA Holistic Healthcare monitors changes in LDAF regulations as well as national best practices and standards to ensure our cannabis extractions, raw materials and all biopharmaceutical products are formulated and produced to meet the most stringent and meticulous pharmaceutical standards. LDAF testing is conducted on the concentrates and flower for all plants for potency, pesticide residues, residual solvents, foreign matter (including heavy metals) and mycotoxins. All final formulations and products are tested for potency, microbials and consistency before they are released for sale to the participating pharmacies to ensure that the patients of Louisiana receive safe, effective, and consistent biopharmaceuticals.

2021 ushered in two new formats for sale by ILERA, Metered Dose Inhalers (MDI's) and medibles (Gummies). We also had the first sales of wholesale flower in preparation for sales by the dispensaries January 1, 2022.

Louisiana Revised Statute 40: 1046 (H)(6) states that the department shall collect the following information from the licensee:

- (i) (6)(a) The Department of Agriculture and Forestry shall collect the following information from each licensee: The details of all production costs including but not limited to seed, fertilizer, labor, advisory services, construction, and irrigation.

a. Production Costs:	\$1,836,000
i. Building Equipment	\$1,406,000
ii. Cultivation Equipment	\$228,000
iii. Cultivation Supplies and Materials	\$202,000

**13073 Plank Road Baker, LA 70714  
Main (225) 239-2592**

b.	Labor Costs:	\$2,250,000
c.	Construction Costs:	\$455,000
d.	Legal Services:	\$402,000
e.	Security Services:	\$687,000
f.	Computer/Internet:	\$200,000
g.	License/Permit Fees:	\$113,000

(ii) The details of any items or services for which the licensee subcontracted and the costs of each subcontractor directly or indirectly working for the contractor.

a. Licensee contracted with Advanced Biomedics LLC to produce medical marijuana products at no cost to Licensee.

b. Advanced Biomedics LLC has further subcontracted for the following services:

i.	Construction Costs:	\$455,000
ii.	Legal Services:	\$402,000
iii.	Security Services:	\$196,000
iv.	Computer/Internet Services:	\$200,000

(iii) The amount of therapeutic chemicals produced resulting from the marijuana grown pursuant to this Section.

a. Ilera produced approximately, 107,920 units (i.e., tincture bottles, MDI cartridges / pods, gummy packages and topical jars).

(iv) The amounts paid each year to the licensee related to the licensee's production of therapeutic marijuana pursuant to this Section.

a. For 2021 Advanced Biomedics paid the Licensee \$1,000,000.

(v) The amount of therapeutic marijuana distributed to each pharmacy licensed to dispense therapeutic marijuana in this state during each calendar year.

b. Through Wholesale distribution, Ilera sold approximately 100,844 units (i.e., tincture bottles, MDI pods, gummy packs and topical jars) to the nine pharmacies licensed by the Louisiana Board of Pharmacy during January – December 2021.

(vi) The amount of gross marijuana produced by the licensee during each calendar year.

A total of 7,277 marijuana plants were harvested producing approximately – 1,406.613 lbs (dry flower) during the calendar year 2021.

**13073 Plank Road Baker, LA 70714  
Main (225) 239-2592**

# Louisiana Department of Agriculture and Forestry



## Licenses Audit Review

## 2021 Supplemental Reports



**LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY**  
**MIKE STRAIN DVM**  
**COMMISSIONER**



January 20, 2022

Tabitha Irvin, Esq.  
Louisiana Department of Agriculture & Forestry  
Executive Counsel  
Director, Medical Marijuana Program

Dear Director Irvin,

**Agricultural & Environmental Sciences**  
Suite 3000  
(225) 925-3770  
Fax: 925-3760

**Agro-Consumer Services**  
Suite 5000  
(225) 922-1341  
Fax: 923-4877

**Animal Health & Food Safety**  
Suite 4000  
(225) 925-3962  
Fax: 925-4103

**Forestry**  
Suite 6000  
(225) 925-4500  
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**Management & Finance**  
Suite 1000  
(225) 922-1255  
Fax: 925-6012

**Soil & Water Conservation**  
Suite 7000  
(225) 922-1269  
Fax: 922-2577

The audit staff of the Louisiana Department of Agriculture and Forestry has conducted an examination to determine if GB Sciences Louisiana, LLC ("GBSLA"), the contract medical marijuana producer for licensee Louisiana State University, is in compliance with the accounting internal controls contained in the standard operating procedures in effect on 12/31/2021. Such compliance is required under Louisiana Administrative Code (LAC) Title 7:XLIX.1101.E.

The examination determined GBSLA is in compliance with its accounting internal controls as of 12/31/2021 as required per LAC 7:XLIX.1101.E. This determination was made after performing procedures to gather sufficient evidence of compliance, including interviewing management and staff.

This examination focused only on the compliance with accounting internal controls and did not review any financial information submitted to the department for the report to the legislature indicated in LRS 40:1046(H)(6). As such, this letter makes no assertions and provides no assurance as to the accuracy or validity of the financial information. A separate examination of this information will be conducted at a later date and a separate letter of finding will be submitted.

Sincerely,

Jeffrey P. Fabre  
Audit Supervisor  
Office of Management & Finance  
Louisiana Department of Agriculture & Forestry



**LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY**  
**MIKE STRAIN DVM**  
**COMMISSIONER**



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(225) 922-1269  
Fax: 922-2577

The audit staff of the Louisiana Department of Agriculture and Forestry has conducted an examination to determine if Ilera Holistic Healthcare ("IHH"), the contract medical marijuana producer for licensee Southern University, is in compliance with the accounting internal controls contained in the standard operating procedures in effect on 12/31/2021. Such compliance is required under Louisiana Administrative Code (LAC) Title 7:XLIX.1101.E.

The examination determined IHH is in compliance with its accounting internal controls as of 12/31/2021 as required per LAC 7:XLIX.1101.E. This determination was made after performing procedures to gather sufficient evidence of compliance, including interviewing management and staff.

This examination focused only on the compliance with accounting internal controls and did not review any financial information submitted to the department for the report to the legislature indicated in RS 40:1046(H)(6). As such, this letter makes no assertions and provides no assurance as to the accuracy or validity of the financial information. A separate examination of this information will be conducted at a later date and a separate letter of finding will be submitted.

Sincerely,

Jeffrey P. Fabre  
Audit Supervisor  
Office of Management & Finance  
Louisiana Department of Agriculture & Forestry



## CONTACT INFORMATION

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Annual Report Prepared by: Kelli James